



Foreign Agricultural Service

GAIN Report

Global Agriculture Information Network

Voluntary Report - public distribution

Date: 3/5/2001

GAIN Report #CH1010

China, Peoples Republic of

Sanitary/Phytosanitary/Food Safety

Pesticide Residue Limits Update

2001

Approved by:

Larry Senger

U.S. Embassy

Prepared by:

Freda Chao/Ralph Bean

Report Highlights:

Many of China's maximum residue limits (MRLs) for pesticides have been changed, however most of these changes have not been published. The report also discusses the procedures for establishing MRLs and includes the current published standards.

Includes PSD changes: No
Includes Trade Matrix: No
Unscheduled Report
Beijing [CH1], CH

Standards for Pesticide Residue Limits

China's most recent standards for maximum residue limits (MRLs) of pesticides have been compiled into a short list including 126 pesticides. This list has not been formally published yet and is not available to the public, even though the standards are being enforced. The most recent list of standards to be published was issued in 1999, and included only 94 pesticides. Many of the pesticides for which MRLs have been newly established were announced only in internal government memoranda. In addition to adding pesticides, the new list of standards provides more discrimination in MRLs for different types of commodities. Most specifically, MRL standards for certain pesticides in fruits and vegetables with edible peels, leafy vegetables, etc., have been eliminated, since these pesticides are no longer approved for use with these products. China's standards remain much simpler than those of industrialized countries, which frequently specify a different standard for each pesticide for each product.

MRL standards are proposed by the Ministry of Health's (MOH) Department of Hygiene Supervision, then drafted by MOH's Institute of Hygiene Supervision and Inspection together with the Ministry of Agriculture's Institute of Pesticides Inspection. The draft is then submitted to the State Bureau for Technical Supervision for evaluation and approval. Once approved, the State Bureau of Quality and Technical Supervision assigns a number to the new standard.

Inspections for imported products are conducted at ports by provincial or local offices under the State Administration for Entry-Exit Inspection and Quarantine. If domestic standards for a pesticide do not exist, according to China's Commodity Inspection Law, normal practice is to use either CODEX standards or the standards of the exporting country, except where a standard is specified in the contract between the buyer and seller. Domestic products are inspected at the provincial level by local laboratories under the supervision of the State Bureau of Technical Supervision according to national standards or those specified in the contract.

China's standards for MRLs are compiled in a book called The Comprehensive Compilation on National Standards of Maximum Residue Limits. As noted above, this book was published in 1999, and a number of standards have changed since then, though the changes have not been published. The book contains two parts, one including the MRLs and the other establishing the testing methods. The published MRLs are included in the following table.

China's Maximum Residue Limits (MRLs) for Pesticides

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
1	1, 2-Dibromoethane	0.01	Unprocessed grain
2	2, 4-D	0.2 0.5	Vegetables Unprocessed grain
3	Acephate	0.2 0.5	Unprocessed grain, vegetables Fruits
4	Aldicarb	zero 0.05	Cotton seed oil, peanut oil Peanut kernel
5	Aldrin	0.02	Unprocessed grain
6	Amitraz (Mitac)	0.05 0.5 0.5	Cotton seed oil Vegetables (not include leafy vegetables) Pears & citrus
7	Anilazine	0.2 10	Unprocessed grain Vegetables
8	Arsenical	0.7	Unprocessed grain
9	Atrazine	0.05	Corn & sugarcane
10	Azocyclotin	2	Pears & citrus
11	Bentazone	0.05	Unprocessed grain
12	BHC	0.1 0.2 0.3 0.4 1.0 2 4.0	Cow's milk, dairy products Vegetables, fruits Processed grain Meat with fat content under 10% green tea, black tea Eggs (no shell), egg products Fish Meat with fat content above 10%
13	Bromopropylate (Neoron)	5	Pears & citrus
14	Buprofezin	0.3	Processed grain, vegetables
15	Captan	15	Fruits

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
16	Carbaryl	0.5 1.0 2.0 2.5 5.0	Edible oil Tobacco Vegetables Fruits Unprocessed grain
17	Carbendazol	0.5	Unprocessed grain, vegetables, fruits
18	Carbosulfan	0.5	Unprocessed rice
19	Carbon disulfide	10	Unprocessed grain
20	Cartap	0.1 1	Processed grain Citrus
21	Chlormequat	5	Unprocessed grain
22	Chloropicrin	2	Unprocessed grain
23	Chlorothalonil	0.2 1.0	Unprocessed grain Vegetables, fruits
24	Chlorpyrifos	0.1 1 0.05	Processed grain Leafy vegetables & pears Cotton seed oil
25	Chlorpyrifos-Methyl	5	Unprocessed grain
26	Cl(CONH) ₂ Cl	3	Unprocessed grain, vegetables
27	Clofentezine	1	Fruits
28	Cyanide	5	Unprocessed grain
29	Cyfluthrin (Baythroid)	0.05	Cotton seed oil
30	Cyhalothrin	0.2 0.2 0.2 0.5	Pears & citrus Cotton oil Leafy vegetables Vegetables not includes leafy kinds
31	DDT	0.1 0.2 1.0	vegetables, fruits Processed grain Fish

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
32	Deletamethrin	0.05 0.1 0.2 0.5 0.5	Citrus Fruits with edible peels Vegetables & fruits with edible peels Leafy vegetables Unprocessed grain
33	Diazinon	0.1 0.5	Unprocessed grain Vegetables, fruits
34	Dichlorphos	zero 0.1 0.2	Vegetable oil Unprocessed grain Vegetables & fruits
35	Dieldrin	0.02	Unprocessed grain
36	Diflubenzuron	0.2 1	Unprocessed grain Pears & citrus
37	Dimehypo	0.2	Rice
38	Dimethoate	zero 0.05 1.0	Vegetable oil Unprocessed grain Vegetables & fruits
39	Dizinon	0.1 0.5	Unprocessed grain Vegetables & fruits
40	Edifenphos	0.1	Processed grain
41	Ethion	0.2 0.5	Unprocessed grain Cotton seed oil
42	Ethoprophos	0.02	Peanuts
43	Fenbutatin oxide	5	Pears & citrus
44	Fenitrothion	zero 0.5 5	Vegetable oil Vegetables, fruits Unprocessed grain
45	Fenthion	0.01 0.05 0.05	Vegetable oil Unprocessed grain Vegetables, fruits
46	Fenvalerate	0.05 0.2 0.2 0.5	Root vegetables Fruits Unprocessed grain Leafy vegetables

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
47	Flucythrinate	0.2 0.5 0.5	Unprocessed grain, vegetables, cotton seed oil Fruits
48	Glyphosate	0.1 2.0	Fruits Sugarcane
49	Heptachlor	0.02	Unprocessed grain
50	Hexythiazox	0.5	Pears & citrus
51	Irpodione	5 10	Vegetables not include leafy kinds Pears
52	Isocarbophos	0.02 0.10	Citrus meat Unprocessed rice
53	Lindane	0.1	Unprocessed grain
54	Mancozeb	0.5 3 5	Vegetables not include leafy kinds Pears Small sized fruits
55	Malathion	zero zero 3.0 8.0	Vegetables & fruits Vegetable oil Processed grain Unprocessed grain
56	Mercury	0.02	Processed grain
57	Metalaxyl	0.05 0.05 1	Unprocessed grain Vegetables not include leafy kinds Small sized fruits
58	Methamidophos	0.1	Unprocessed grain
59	Methidathion	2	Citrus
60	Methomyl	1 2	Citrus Leafy vegetables
61	Methyl bromide	50 (calculated as inorganic bromide)	Unprocessed grain
62	Mieyouniao (Chinese)	3	Unprocessed grain & vegetables

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
63	Monocrotophos	0.02 0.05	Unprocessed Rice Cotton seed oil
64	Optunul (bay 93820)	0.10 0.02	Unprocessed rice Citrus
65	Paclobutrazol	0.5 0.5	Unprocessed grain Rapeseed oil
66	Parathion	zero 0.1 0.1	Vegetables & fruits Edible oil Unprocessed grain
67	Paraquat	0.05 0.2 0.5	Rapeseed oil Citrus Processed Grain
68	Parathion-Methyl	0.1	Unprocessed rice, cotton seed oil
69	Permethrin	1.0 2.0	Unprocessed grain, vegetables Fruits
70	Phenthoate	0.5 1	Processed grain Citrus
71	Phorate	zero zero 0.02	Vegetables, fruits, vegetable oil Unprocessed grain
72	Phosalone	0.1 1	Cotton seed oil Leafy vegetables
73	Phosmet	0.5	Unprocessed grain, vegetables, fruits and tea
74	Phosphamidon	0.1	Unprocessed grain
75	Phosphide	0.05	Unprocessed grain
76	Phoxim	0.05	Unprocessed grain, vegetables, fruits
77	Pirimicarb	0.05 0.50 1	Unprocessed grain Fruits Vegetables
78	Pirimiphos-Methyl	5	Unprocessed grain
79	Polychlorinated biphenyls (PCBs)	0.2	Saltwater fish, shellfish, shrimp, algae based foods

No.	Name of Pesticide	MRLs (mg/kg)	Commodities
80	Procymidone	1 2	Rapeseed oil Vegetables not include leafy kind
81	Propargite	0.1 2 5	Cotton seed oil Leafy vegetables Pears & Citrus
82	Propiconazole	0.1	Unprocessed grain
83	Quinalphos	0.2 0.5	Rice, vegetables Citrus
84	Quintozene	0.1 0.2	Unprocessed rice Vegetables
85	Sebufos	0.005	Citrus, sugarcane
86	Pesticide Shachongshuang	0.2	Rice
87	Thiabendazole	3 10	Bananas Citrus
88	Thiocyclam	0.2	Rice
89	Thiodicarb	0.1	Cotton seed oil
90	Triadimefon	0.2 0.5	Vegetables, fruits Unprocessed grain
91	Triadimenol	0.1	Unprocessed grain
92	Trichlorphon	0.1 0.1	Unprocessed grain Vegetables, fruits
93	Tricyclazol	2.0	Unprocessed rice
94	Vinclozolin	5	Vegetables

C:\GainSrvr\data\1010pe~1.wpd